

**CONTRACTOR'S SUBMITTAL TRANSMITTAL**  
 LANTDIV NORFOLK 4-4355/3 (Rev. 11-80)

40/RVR  
/02

File

CONTRACT NO. 81-C-1766		TRANSMITTAL NO. 83A	DATE July 23, 1984
FROM CONTRACTOR Trader Construction Company		PROJECT TITLE AND LOCATION Public Works MCB Camp Lejeune, N. C.	
TO Lockwood Greene/Six Associates			

<p align="center"><b>CONTRACTOR USE ONLY</b></p> <p align="center"><i>*List only one specification division per form.</i></p> <p align="center"><i>List only one of the following categories on each transmittal form, and indicate which is being submitted</i></p> <p> <input type="checkbox"/> Contractor Approved              <input type="checkbox"/> OICC Approval              <input checked="" type="checkbox"/> Deviation/Substitution For OICC Approval       </p>	<p align="center"><b>REVIEWER USE ONLY</b></p> <p align="center"><b>**ACTION CODES</b></p> <p>         A-Approved          D-Disapproved          AN-Approved as noted          RA-Receipt acknowledged.          C-Comments          R-Resubmit       </p>
--	---

ITEM NO.	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., Mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES **	REVIEWER'S INITIALS CODE AND DATE
141	09100	Metal Support System			
	1.3.2	Shop Drawings	7	AN	A.B. 30 July 84 ↓
	1.3.3	Manufacturer's data	7	A/C	
		Ceiling & Wall Insulation, cat. data	7	A/C	

CONTRACTOR'S COMMENTS

Proper certification en route

1 1/2" cold rolled channel in lieu of 2"

COPY OF TRANSMITTAL AND SUBMITTALS TO ROICC ROICC, Camp Lejeune, N. C.		CONTRACTOR REPRESENTATIVE (Signature) <i>Ms. Dale Stallings</i>	
DATE RECEIVED BY REVIEWER 7/26/84	FROM (Reviewer) Six Associates, Inc.	TO Trader Construction Co.	

- Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

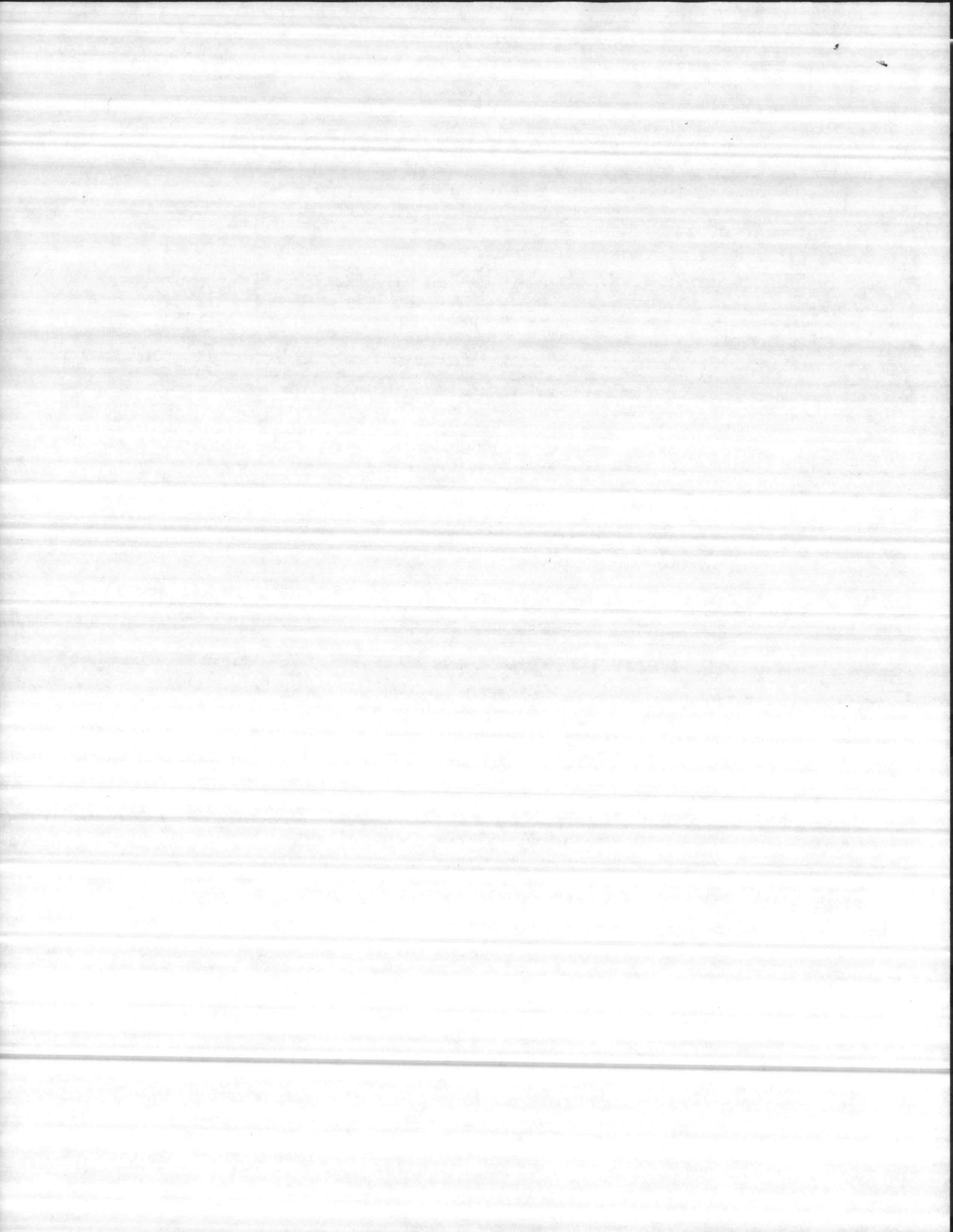
This is another confusing submittal. The deviation request must be a separate submittal. However, the 1-1/2" channels are O.K. for Section 09100. The 2" channels are required for stucco, but that is another spec section.

The M-S insulation should be used at Det. A/A-4, 2/A-6, 3/A-6, etc. In general, all interior wall and ceiling insulation shall be sound-attenuation type. The insulation should have been submitted under Section 07232, not 09100.

We will appreciate closer supervision to these items.

*copy to Officed  
8-8-84  
mee*

COPIES TO: ROICC (2) LANTDIV (1) A-E (1)	DATE July 31, 1984	SIGNATURE <i>A.B. Johnson</i>
---	-----------------------	----------------------------------



types and functions

insulating blankets

**THERMAFIBER Regular Blankets** are faced on one side with strong asphalted vapor retarder that extends to form nailing flanges, and are encased on the other sides with porous, kraft breather paper. These blankets also are supplied with flame-retardant breather paper. **Uses:** ceilings, floors, walls. Where installed from the cold side of framing, as in crawl spaces, blankets are held in place with chicken wire or tie wire stapled or nailed to joists or by using flexible metal rods. Available from Corsicana and Tacoma plants in 3" to 6" thicknesses and in widths to accommodate common structural spacings. Meet Federal Specs. HH-I-521F Type II and ASTM C665.

**THERMAFIBER Aluminum Foil-Faced Blankets** are similar to paper-enclosed Regular Blankets, but with highly reflective aluminum foil laminated to vapor retarder side. Blankets require a minimum air space next to the foil of 1/2" in sidewalls and 1" in ceilings to fully benefit from the foil reflectivity. **Uses:** ceilings, walls, floors with air space—most effective with air-conditioning and in areas of extreme summer temperatures. Available from Tacoma plant in 3", 3 1/2", 5 1/4" and 6" thickness, 15" and 23" widths. Meet Federal Specs. HH-I-521F Type III and ASTM C665.

**THERMAFIBER Flame-Resistant Blankets** are open-faced, foil-covered on vapor retarder side. The foil-kraft laminate is applied with a special flame-resistant adhesive. Blankets require a minimum air space same as Foil-Faced Blankets for improved installed thermal resistance. **Uses:** ceilings, floors, walls for flame-resistant insulation and vapor control or where insulation will be exposed. Available from Birmingham, Corsicana, Wabash and Tacoma plants in 3", 3 1/2", 5 1/4" and 6" thickness, 16" and 24" widths for steel framing, 48" length. With foil attached, UL surface burning characteristics per ASTM E84: flame spread 10-25, fuel contributed 5, smoke developed 0. Meet ASTM C665 and Fed. Specs. HH-I-521F, Type III except identification marking paragraph 3.7.1.

**THERMAFIBER W-S Blankets** are paperless, thus eliminate need for staple fastening; made slightly wider than normal to give friction fit between wood studs. **Uses:** for sidewalls only. Used with FOAMULAR extruded polystyrene foam insulating sheathing in 1-hr. fire-rated wood-frame exterior wall. W-S Blankets require a separate vapor retarder, such as Foil-Back SHEETROCK Brand Gypsum Panels, ROCKLATH Plaster Base or IMPERIAL Gypsum Base, or a 6-mil polyethylene film. Available from all plants in 3 1/2" thickness, 15" and 23" widths. Meet ASTM C665 and Federal Specs. HH-I-521F, Type I except identification marking paragraph 3.7.1.

**THERMAFIBER M-S Blankets** are specially designed for insulating exterior furring and wall assemblies which utilize steel studs. They are open-faced and required same types of separate vapor retarder as W-S Blankets. Staple-attached to gypsum sheathing or held in place against metal lath with horizontal tie-wires. Available from all plants in 3" and 3 3/8" thicknesses, 16" and 24" widths, 48" length. UL surface burning characteristics per ASTM E84: flame spread 15, fuel contributed 0, smoke developed 0. Meet ASTM C665 and Federal Specs. HH-I-521F, Type I except identification marking paragraph 3.7.1.

**THERMAFIBER Z-Furring Blankets** are designed for use as an effective semi-rigid insulating material in exterior wall furring applications using

USG Z-Furring Channels. They require same types of separate vapor retarder as W-S Blankets. Blankets are a paperless, semi-rigid spun mineral fiber mat, 1", 1 1/2", 2" and 3" thickness, 16" and 24" widths, 48" length, with densities of 6.0, 4.5, 4.0 and 4.0 pcf, and "k" factors of 0.24, 0.25, 0.25 and 0.25 respectively. Surface burning characteristics per ASTM E84: flame spread 15, fuel contributed 0, smoke developed 0. Meet Federal Specs. HH-I-521F Type I except identification marking paragraph 3.7.1.

**THERMAFIBER Curtain Wall Insulation**, a semi-rigid material, is suitable for use with steel studs in USG Curtain Wall Systems. See SA-707 Fire Safety Systems Folder for detailed information.

**THERMAFIBER Safing Insulation** is an efficient fire-stop at spandrel panel/floor intersections when combined with THERMAFIBER Curtain Wall Insulation. See SA-707 Fire Safety Systems Folder for detailed information.

sound attenuation fire blankets

**THERMAFIBER Sound Attenuation Fire Blankets** are a paperless, semi-rigid spun mineral fiber mat which substantially improves STC ratings when used in stud cavities of U.S.G. partition assemblies. Each blanket has a dense, highly complex labyrinthine structure composed of fibers that form millions of sound-retarding air pockets. Available in 1", 1 1/2", 2" and 3" thickness, 16" and 24" width, 48" length. Surface burning characteristics per ASTM E84: flame spread 15, fuel contributed 0, smoke developed 0. Meet Fed. Specs. HH-I-521F Type I.

THERMAFIBER Sound Attenuation Fire Blankets are used in various partition systems listed below (for details see Construction Selector—in Sweet's Sec. 9.5).

Drywall Partitions

	STC Rating
Steel Stud—Multi-Layer Gypsum Panels	59 to 62
Steel Stud—Double Layer Gypsum Panels	53 to 55
Steel Stud—Single Layer Gypsum Panels	45 to 48
Wood Stud—Double Layer Gypsum Panels	53 to 59
Wood Stud—Single Layer Gypsum Panels	45 to 54
Movable	46 to 50
Area Separation Wall	47 to 57
Cavity Shaft Wall	47 to 51

Drywall Ceilings

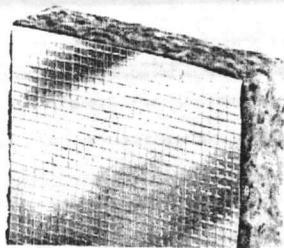
Steel Bar Joist—Single Layer Gypsum Panels	54
Wood Joist—Single Layer Gypsum Panels	41
Wood Joist—Resilient Gypsum Panels	52

Veneer Plaster Partitions

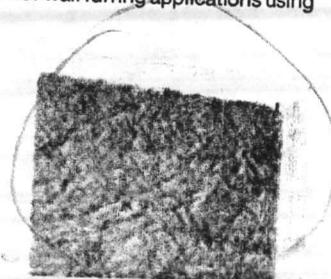
Steel Stud—Multi-Layer Gypsum Base	59 to 62
Steel Stud—Double Layer Gypsum Base	49 to 53
Steel Stud—Single Layer Gypsum Base	45
Wood Stud—Resilient Gypsum Base	49 to 53

Standard Plaster Partitions

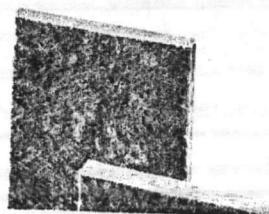
TRUSSTEEL Stud—Resilient Gypsum Lath	52
Steel Stud—Gypsum Lath	49



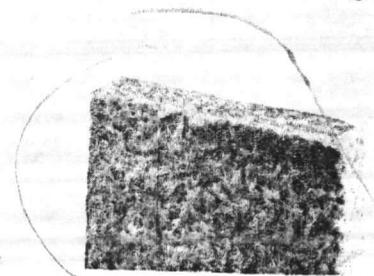
THERMAFIBER Flame-Resistant Blanket



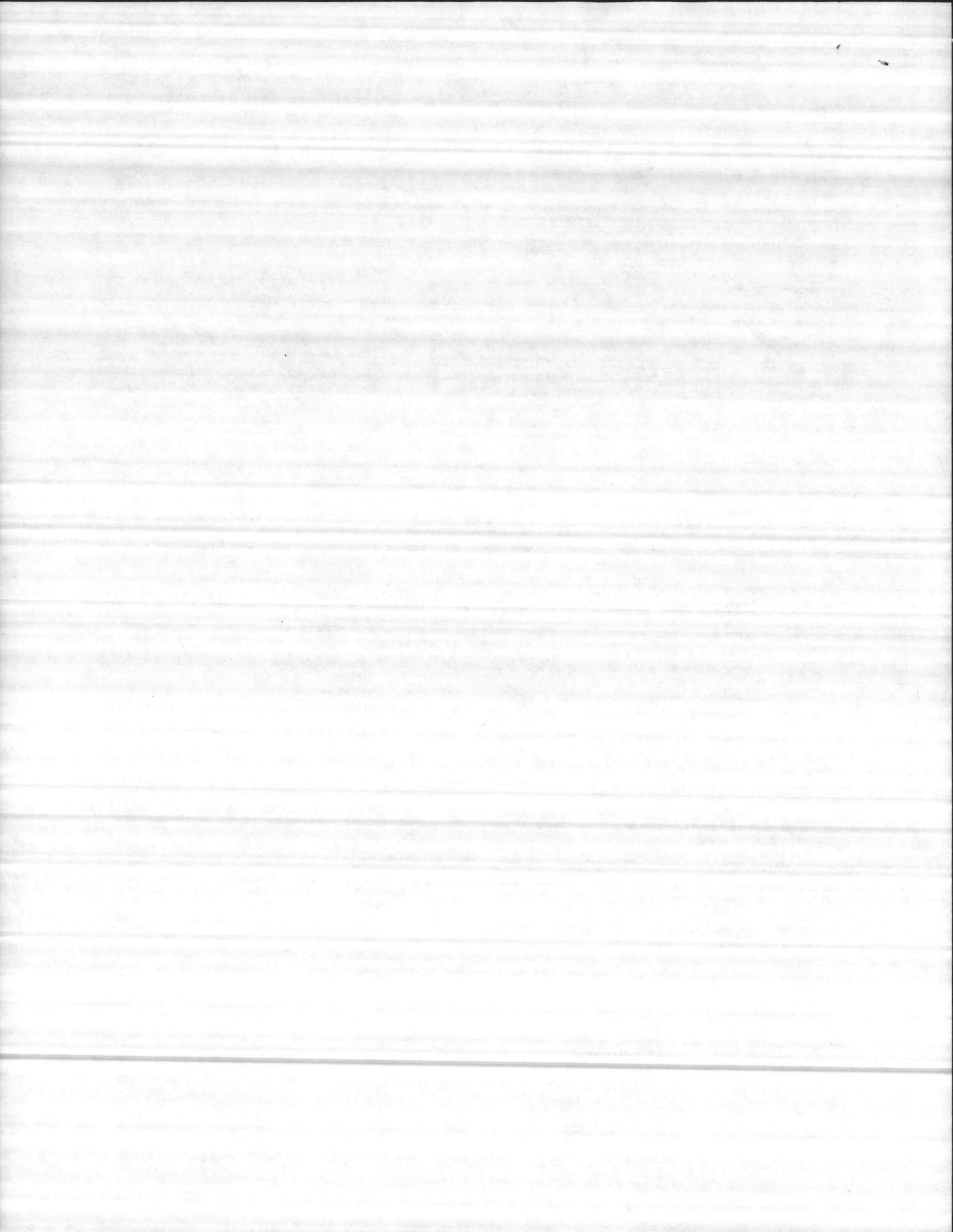
THERMAFIBER M-S Blanket



THERMAFIBER Z-Furring Blanket

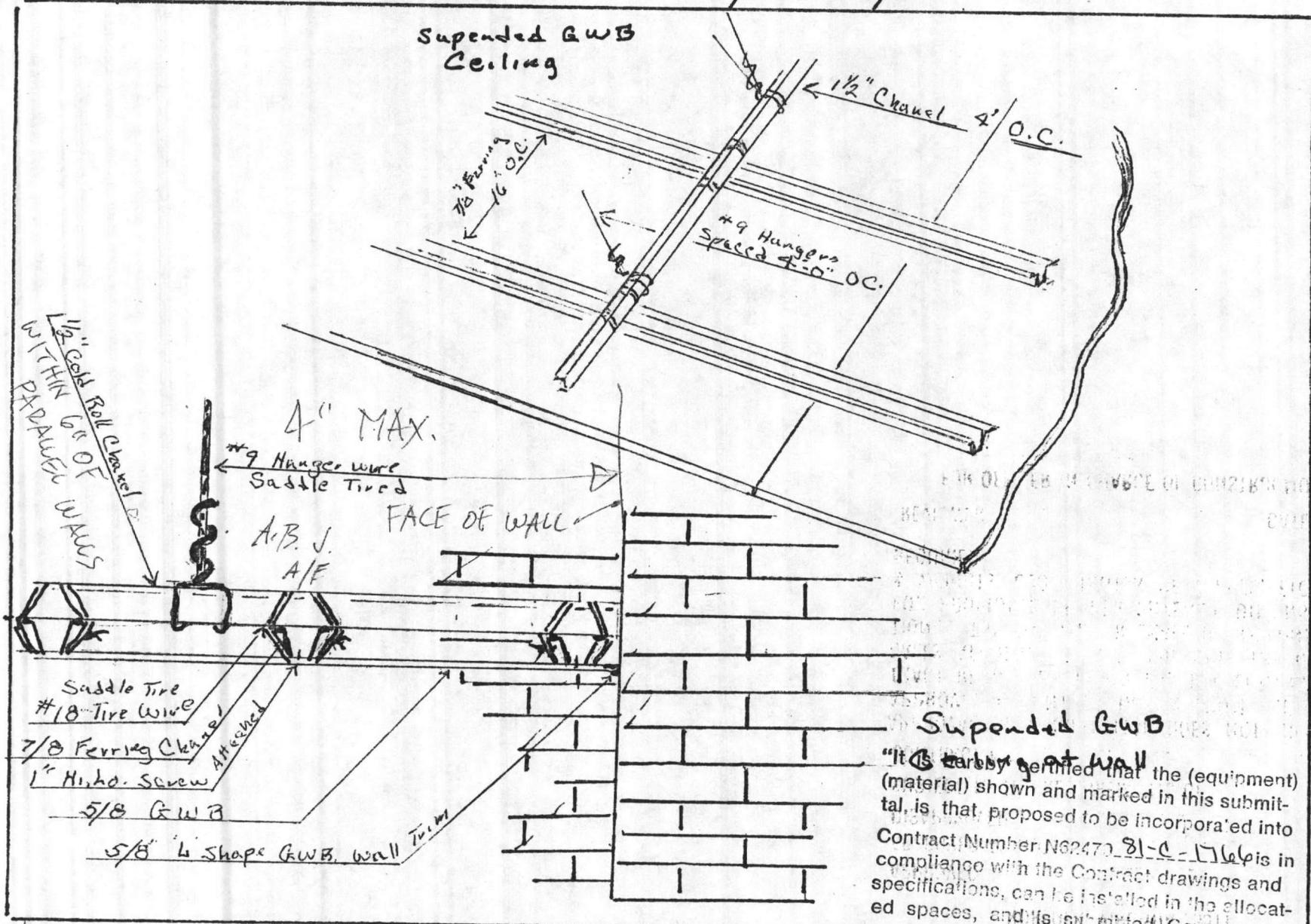


THERMAFIBER Sound Attenuation Fire Blanket



#2 G.W.B

Public Work Building  
Camp Lejeune, N.C.  
Shop Drawing of Suspended G.W.B Ceiling  
By C.L. Bryant Fla. Co.



Suspended G.W.B

"It is hereby certified that the (equipment) (material) shown and marked in this submittal, is that proposed to be incorporated into Contract Number N62470-81-C-1766 is in compliance with the Contract drawings and specifications, can be installed in the allocated spaces, and is submitted for Government approval.

Certified by D. Walling

Date 7-23-84

